



Installing PlayStation 2 Disc Drive

Tools used in this guide

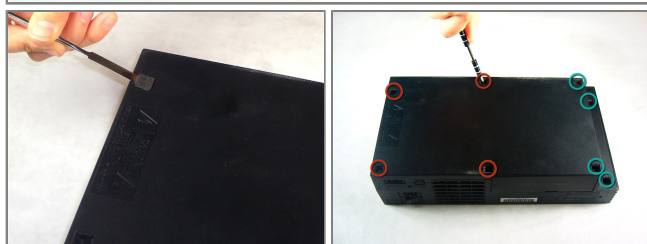
- [Metal Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)

In the need that you need to replace the entire disc drive, here's what you need to do. You may need to do a little eBay perusing first, but when you find that replacement, these steps will show you how to remove your old one.



Step 1 - *disassembly Top Cover*

- Flip the PlayStation 2 so that the bottom of the device is facing up.
- Using a metal spudger, pry the 8 flat screw covers out.
- Remove the following 8 screws:
 - Four 55.4 mm Philips screws.
 - Four 18 mm Phillips screws.



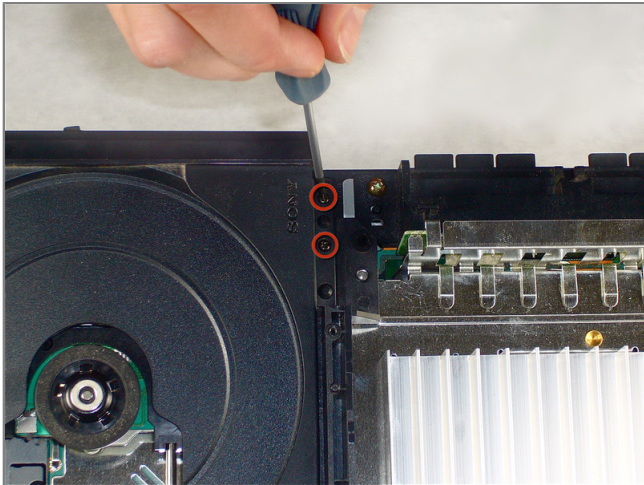
Step 2

- Peel the warranty sticker next to the main power switch from the case.



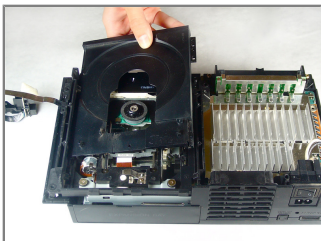
Step 3

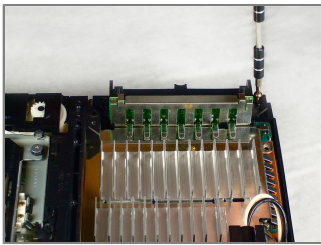
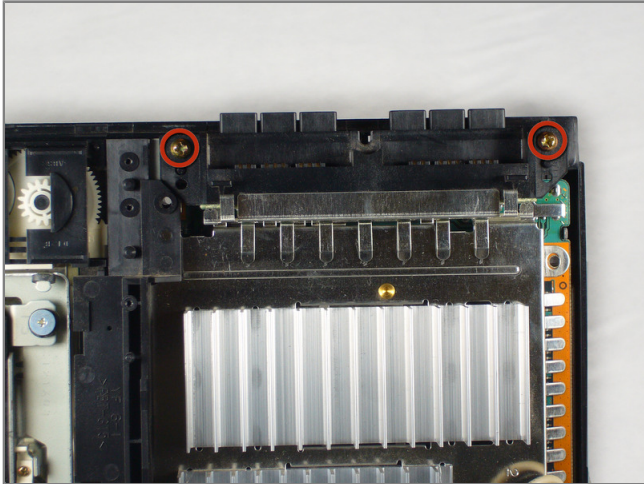
- Flip the PlayStation 2 back over and remove the top cover, prying the half closer to the power switch first and rocking the whole thing towards the front.
- Carefully remove the cord that attaches the two halves by unclipping the power cord assembly from the case in the lid.



Step 4 - Power Board

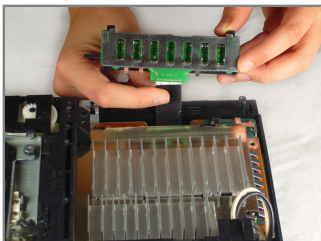
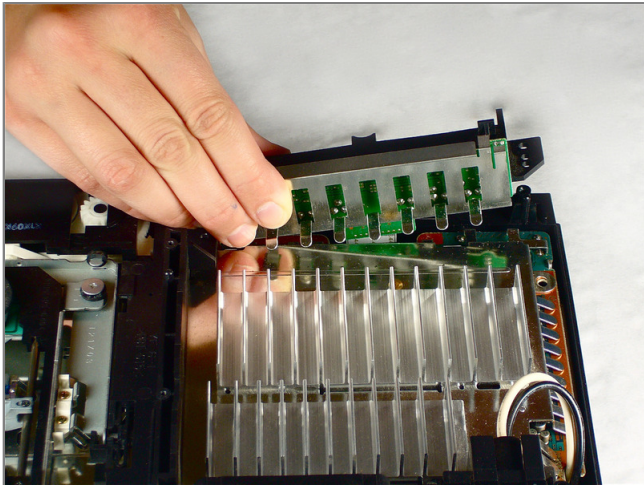
- Remove the two 6.4 mm Phillips black screws holding the disc drive in place.
- Remove the whole disc drive by carefully tilting the lid and sliding out.





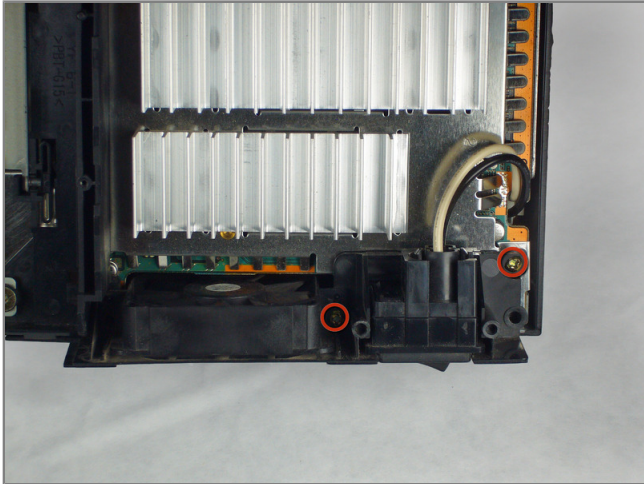
Step 5

- Remove two 14.6 mm Phillips head gold screws to remove controller port.



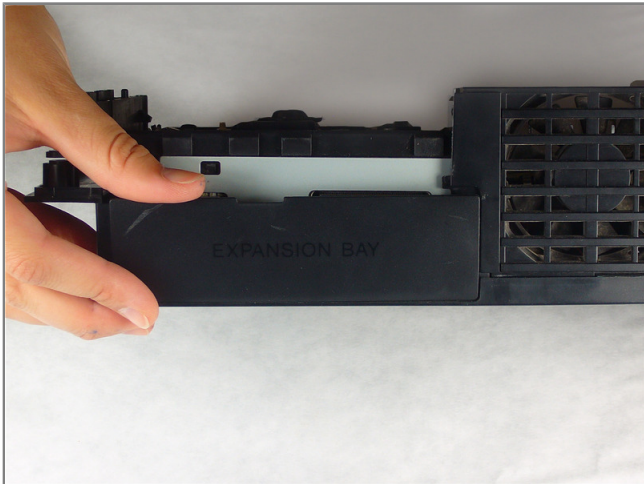
Step 6

- Gently lift out the controller port.
- Disconnect the ribbon cable from the controller port.



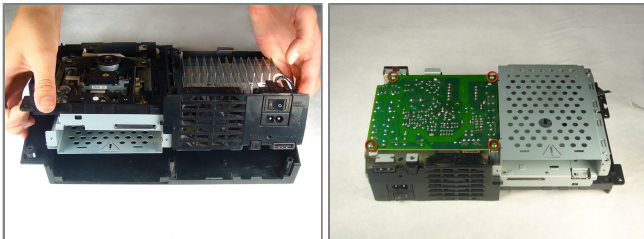
Step 7

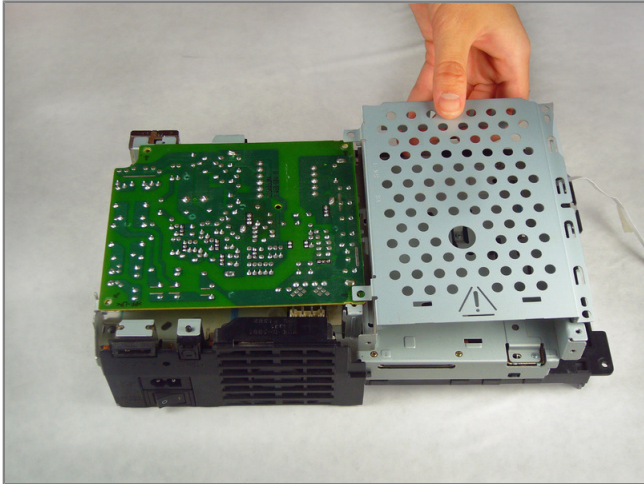
- Remove two 14.6 mm Phillips gold screws holding the fan.



Step 8

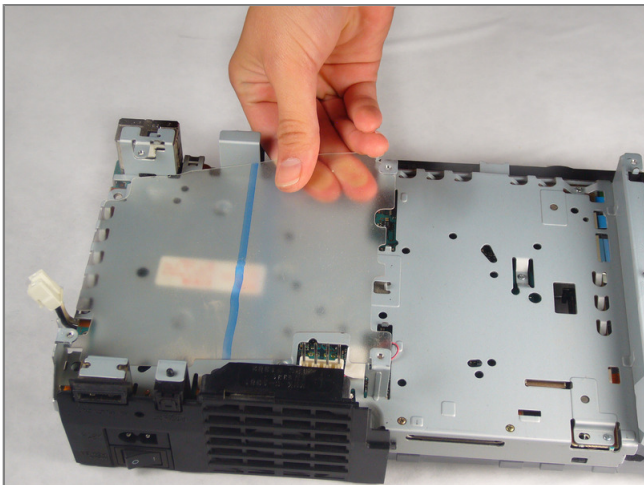
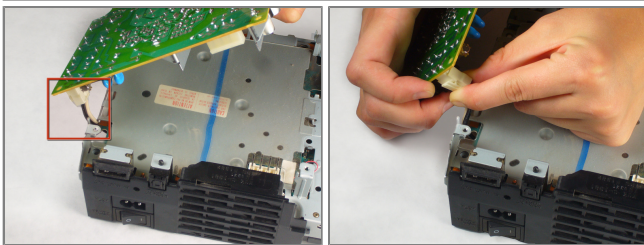
- If you utilize your expansion bay for its intended purpose, make sure you remove the component now.
- Remove the cover for the expansion bay.
- Pull the *innards* out and away from the bottom cover.
- Now that all of that bulky plastic is out of the way, we can get to the fun stuff - electronics!
- Let's begin by removing the four 7.6 mm Phillips head gold screws holding on the power supply board.





Step 9

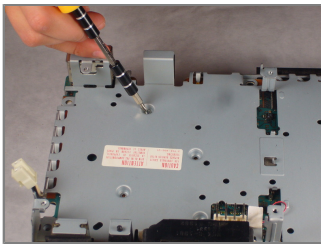
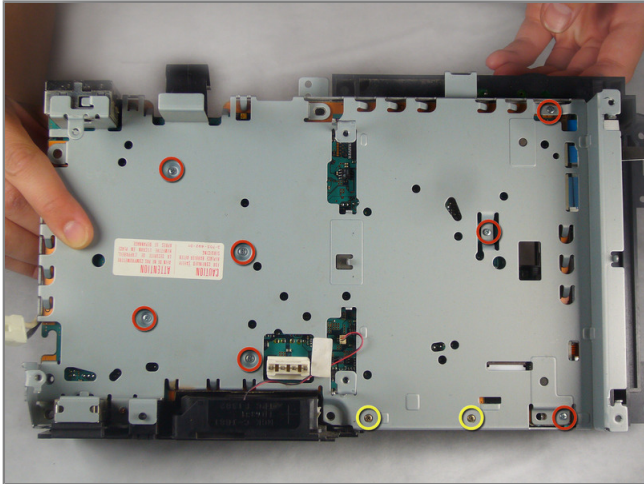
- With the screws out of the way, the metal case that houses the expansion bay will lift off with ease.
- There is one cable that is clipped onto the power board. It is located next to the main power switch.
- Carefully begin lifting the power board. You can now see the clip holding the power board in place.
- Unsnap the clip, and the board is free from the unit.



Step 10 - Disc Drive

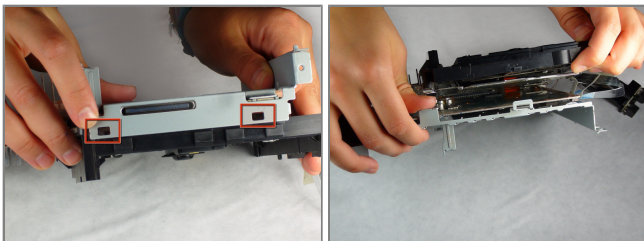
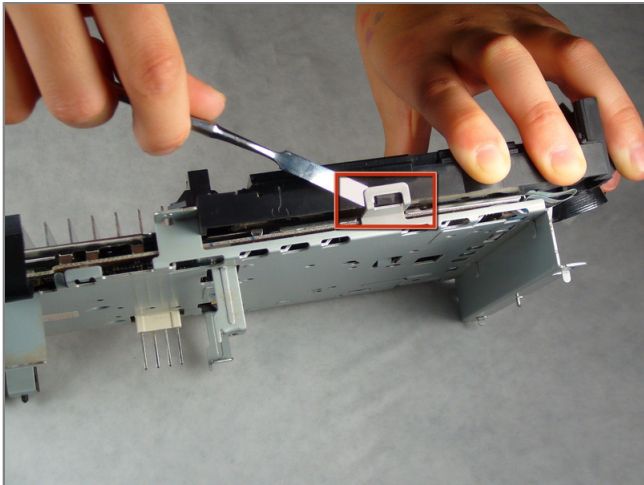
- Underneath where the power supply once was is a transparent piece of plastic. This is the heat shield, and it can now be removed.
- It can be a bit stubborn, so it may take a little finessing to get it free.





Step 11

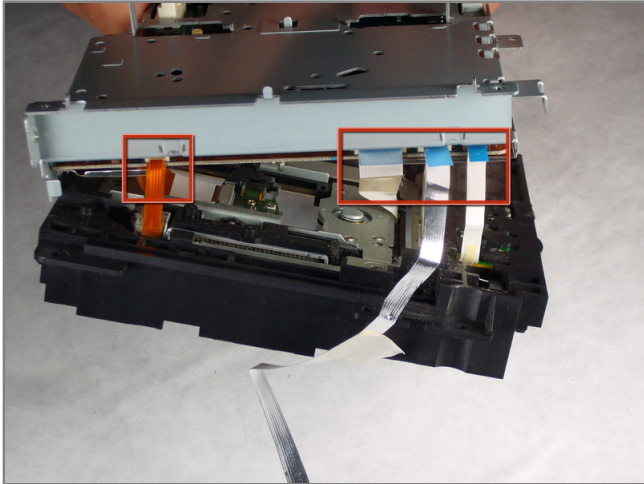
- Now with the heat shield out of the way, you can see there are quite a few screws holding the rest in place.
- Remove the following screws securing the metal chassis to the logic board:
 - Seven 5.8 mm Phillips silver screws.
 - Two 7.4 mm Phillips gold screws.



Step 12

- Unclip flaps, one on one side and two on the other, holding the disc drive together. **The first two pictures display where the three flaps are.** This is very tricky so take your time.
- Carefully begin to lift out the disc drive.
- Beware, there are ribbon cables still attached.



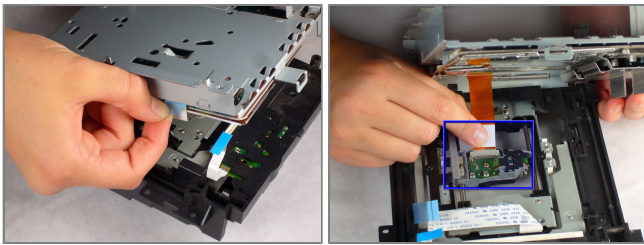


Step 13

- There are four ribbon cables attached to the disc drive. Be careful not to rip any of them!



- Remove the three blue ribbon cables and one orange ribbon cable by gently pulling on the blue plastic strips.
- Carefully remove the orange ribbon cable from the laser by gently pulling on the white plastic strip.
- Now the disc drive is free to be removed.



To reassemble your device, follow these instructions in reverse order.

This document was last generated on Dec 14, 2010.